



# JOURNAL OF ANATOMY

INDEX TO THE FIRST 100 YEARS  
1866-1966

Compiled by  
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## FOREWORD

To mark the centenary of the *Journal of Anatomy*, the Anatomical Society of Great Britain and Ireland decided to publish a comprehensive index of the first hundred volumes. In the furtherance of this aim the Society was fortunate to enlist the help of Mrs D. Blake, a medical librarian of considerable experience, and of Professor R. E. M. Bowden, who has collaborated at all stages and given freely of her expert advice and experience. The Society owes them an immense debt of gratitude for the work has been arduous and long. The Society also acknowledges with thanks the help which has been obtained from all quarters and, in particular, the generous financial assistance from the Royal Society. Without this the project would have been of much more limited extent, if not impossible.

A comprehensive index, such as this, does not emerge ready-made from the indices of the individual volumes; nor have earlier indices, each covering some ten or twenty volumes, contributed to the format nor to the content of the compilation. In a living and growing subject new terms are being continually coined and many of the older terms are revised and rationalized. The indices of the individual volumes inevitably bear the imprints of the successive editors and lack uniformity. Therefore in the compilation of this index every article, whether a report of original work, a review, or a discussion, has been scanned. Many subjects are included which are not obvious from the titles of the articles. There were originally about 40,000 entries, but careful editing has reduced this number considerably. This, however, gives an inadequate idea of the task which has been accomplished by the compilers and printers in the publication of this index.

No universal agreement can be expected on the detailed arrangement or the precise entries in such a compilation; nor can its quality be fully assessed except by repeated use. The Council of the Anatomical Society, however, has reason to be confident that the index forms a contribution of lasting value, not only to anatomists but to biologists generally and to historians, for herein is a guide to a hundred years of British anatomy.

D. V. DAVIES  
*President,  
Anatomical Society of  
Great Britain and Ireland*



## PREFACE AND INTRODUCTION

The *Journal* was first published in 1866, two years after the demise of the *Natural History Review*. The first Editorial Board consisted of the co-founders of the *Journal*, Sir William Turner (whose contributions fill four columns of the present Index) and Sir George M. Humphry, successively Professor of Anatomy and of Surgery in Cambridge. They were assisted by J. W. Clark, Superintendent of the University Museum of Zoology and Comparative Anatomy, Cambridge; Alfred Newton, Professor of Zoology, in the University of Cambridge; and Percival Wright, Lecturer in Zoology in the University of Dublin. Newton and Wright also served on the Board of the *Natural History Review*.

Early volumes covered many biological interests, only partially reflected in the title, *Journal of Anatomy and Physiology, Normal and Pathological*. Zoology, comparative anatomy and embryology, reports on congenital malformations and variations were to be expected in the early post-Darwinian period. There were numerous papers and reports on blood, circulation, respiration and the physiological effects of venoms, crude and purified preparations of drugs, including one on the effects of claret (5, 391-2). Volumes 14 and 15 were mainly devoted to pathology.

The Physiological Society was founded in 1876 and the *Journal of Physiology* appeared in 1878. In 1889, C. B. Lockwood founded the Anatomical Society of Great Britain and Ireland. Relations between the two Societies were cordial and Charles Sherrington was on the Council of the Anatomical Society in 1894. Inevitably, the number of physiological and pharmacological papers submitted declined steadily. Finally, forty-nine years after its inception, the title of the *Journal* was changed. In 1916 it became the *Journal of Anatomy*, and the Anatomical Society assumed sole responsibility for its publication.

Brief histories of the Society and the *Journal* are found in the prefaces to Volumes 40 and 100, and a few notes are found in Volume 73, 640. Many additional interesting and amusing facts about the development of the subject and society have emerged during the compilation of the present index.

During the past 100 years techniques of demonstration have advanced from wax-plate reconstructions to the use of photography (1890, 24, i-ii, P), X-rays (1897, 31, 59-79), firstly for gross specimens and later for microscopy, the use of isotopes and autoradiography in functional studies, electron microscopy, electronic recording and closed-circuit television (1959, 93, 570).

Controversial topics have included the Swanscombe and Piltdown skulls and the status of australopithecine fossils.

Reports of purely descriptive gross anatomy and of histology are now increasingly outnumbered by detailed accounts of morphological and functional studies of cells.

In the earlier numbers massive reports on European literature were contributed by several people, amongst them Sir William Turner (Volumes 1-10 inclusive) and William Rutherford (Volumes 1-4 inclusive and 6 and 7). These abstracts included a reference to a tentative hypothesis that the transmission of the nerve impulse

might be due to chemical factors (3, 193). Windle provided an encyclopaedic report on the literature on teratology in Volumes 25-44 inclusive.

In March 1889 Macalister (23, xix, P.) suggested that unclaimed bodies should belong to the Secretary of State. In the same meeting he inaugurated a scheme of collective investigation by different medical schools (23, xix, P.). A good deal of useful factual information was accumulated in this way (e.g. 29, 52-8; 31, 38-44, 621-3; 32, 172-7). The last investigation of this nature was reported by Barlow in 1955 (89, 560).

Proceedings of the Society were first published in 1887 in Volume 22. In addition to proceedings of meetings and symposia held jointly with other societies (e.g. 96, 547-8; 100, 921-3) the *Journal* reported those of the Aberdeen University Anatomical and Anthropological Society (35, 268; 36, 93-4, 421-3), and since 1963 the Proceedings of the Anatomical Society of Australia and New Zealand. Discussions were often forthright, but there is a seemly absence of any record of the serious divergence of views which led to the publication of separate Proceedings from May 1921 to February 1925. It is regrettable that discussions can no longer be reported.

There have been many alterations in the style and form of contributions. Gaskell's work 'On the origin of Vertebrates deduced from the study of *Ammocoetes*' which appeared in 13 parts and occupied over 300 pages would now almost certainly be published as a monograph. Bibliographies were sometimes omitted, given as footnotes throughout the text or as a list with no particular convention. Originally papers often made no reference to the numbers of specimens examined. Brevity, conformity and numerical exactitude have been gained by stricter editorial discipline, but the personalities of authors and officers no longer emerge from their writings with the warmth and dignity found in the more expansive past. The first woman to publish in the *Journal* was Frances Hoggan, joint author with her husband (15, 121-36). In November 1893 'Mr Stanley Boyd gave notice that he should at the next meeting propose two ladies as members of the Society' (28, ii, P.). In 1894 Mrs Percy Fleming, M.D. (wife of the Secretary,) and Miss A. F. Piercey, M.B. (Lond.), both of the London School of Medicine for Women, were proposed by Stanley Boyd, J. D. Cunningham and Alex Macalister (28, xv, P.), and duly elected in May. In May 1895 Mrs E. E. Fleming, using her own initials on this occasion, was the first woman to read a paper before the Society (29, xxiii-iv, P.). The scientific and social history of the Society, its relations to other disciplines and the influence of technical advances merit serious study, but in passing did much to enliven the indexers' task.

Many technical problems have been encountered. The less strict conventions of editing, printing and style in earlier volumes caused many difficulties and account for some of the inconsistencies which remain. For instance, the author's initials might or might not have been included. An example of this is found under Bernstein. The first entry without an initial could have been attributed either to Bernstein, J., or to Bernstein, N. O., contemporaries with similar interests. Many French authors appeared with the initial M. and Germans with H. The same European name was spelt in a variety of ways. The significance of the initials of the French and Germans soon became apparent. The variants in the names have been

cross-referenced where evidence allowed but in other cases they have had to be left as given.

More serious problems have arisen in relation to anatomical nomenclature and zoological classification. The *Journal* began before there was an accepted anatomical nomenclature. In February 1894 J. D. Cunningham, the President, stressed the need for an internationally agreed nomenclature and reported that a nomenclature committee had been set up in Berlin at an Anatomical Congress. The *Journal* has lived to see the *Basle Nomina Anatomica* (B.N.A. 1895), the Birmingham Revision (B.R. 1933), the *Jena Nomina Anatomica* (J.N.A. 1936), and the *Paris Nomina Anatomica* (P.N.A. 1955) which was drawn up by the International Anatomical Nomenclature Committee convened in 1950 in Oxford. The subsequent revisions of the P.N.A. are in the 3rd edition of the *Nomina Anatomica* published in 1963. Where practicable the 1955 P.N.A. was used because compilation of the 100-year index began in 1957.

Zoological classifications have undergone modification; for instance, the ordinal status of *Tupaia* has changed from insectivore to primate. *The Principles of Classification and a Classification of Mammals* by G. G. Simpson, 1945 (*Bull. Am. Mus. Nat. Hist.*), and *A Classification of Living Animals* by Lord Rothschild, 1961 (Longmans), and numerous colleagues have been consulted. General papers dealing with particular animals are listed under the name of the animal as given in the paper. Cross-reference is made to the full zoological name if sufficient evidence is available. It would have been too cumbersome to list under the name of each animal every paper dealing with a system, a part or an organ used in descriptive or in experimental work. However, the name of the animal is given in parenthesis after each subject entry, e.g.

#### Arteries, named

carotid, and subclavian, mode of origin, from arch of aorta in primates (Keith) 29, 453-8 (*man, gorilla, orang, gibbon, Semnopithecus, Macacus, Mycetes, Ateles*)

If no animal is mentioned, it has been assumed that the work refers to man.

Arteries, muscles, nerves and veins are divided into subdivisions, e.g. Arteries, general; Arteries, named; Muscles, general; Muscles, named; Muscles of organs and regions; Muscles, whole system; and so on.

Users are therefore advised to look under several headings before abandoning the search for a particular subject or animal.

With the exception of Reports, in the Author Index the title of each paper is given exactly as it appears in the original. Reviews of books have been entered under author and subject headings, and obituaries are given in alphabetical order of the name of the deceased in the subject section. The names of the writers of reviews and of obituaries are omitted for the sake of space and also for uniformity because, in the past, many of these articles were either unsigned or only initialled.

For these and other reasons, we appreciate that some users will be disappointed and will disagree with certain of our decisions, for which we take full responsibility.

D.B.  
R.E.M.B.

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D.B.

R.E.M.B.

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## ABBREVIATIONS

*abs.* Abstract

*A.U.A.A.S.* Aberdeen University Anatomical and Anthropological Society

*anat. not.* Anatomical Notice

*dem.* Demonstration

*disc.* Discussion

*n.* Notices of recent Dutch and Scandinavian contributions to anatomical and physiological science by W. D. Moore

*P.* Proceedings

*P.A.S.A.N.Z.* Proceedings of the Anatomical Society of Australia and New Zealand

*rep.* Report

*rev.* Book review

*S.M.S.* Scottish Microscopical Society

*S.P.* Separate Proceedings

*t.o.* Title only

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